



# NITFS Compliance Registration



**Product:** VITecPC, Version 4.1.1, Build May 2, 2003  
With NTM module U2.4 and RULER, Version 12.0

**Sponsor:** BAE Systems

**Developer:** BAE Systems

**Date:** 12 January  
**Expiration:** 2004  
**Registration #:** 11 January  
2006  
2019

- ☒ Initial Registration  
☐ Supplemental/Update #  
☐ Derived from Reg. #

☐ **System**  
N-0105/98, §4.1.1

☒ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- PENTIUM

Operating Systems: MS Windows NT w/ SP 6A and XP  
with RULER version 12.0 and NTM Module U2.4  
software plug-ins for National Technical Means capability

## NITFS Features Implemented:

### Format

#### NITF

☒ v2.1

☒ v2.0

☒ v1.1

#### NSIF

☒ v1.0

### Pixel Value Types

☒ Boolean

☒ Integer

☒ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Types

☐ Bit Mapped \*\*

☒ CGM, 2301

☒ CGM, 2301A

☒ Labels \*\*

### Text Segments

☒ STA

☐ UT1

☐ U8S

☐ MTF

### Image Segment Types

☒ MONO

☒ RGB

☐ RGB/LUT

☒ YCbCr

☐ MULTI

☐ NODISPLAY

☐ POLAR

### Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsampling

☒ JPEG Lossless

☐ JPEG 2000

☐ Bi-Level

☐ Vector Quantization

☐ Multispectral JPEG, Individual Band

### Data Extension Segments

☐ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☒ Controlled Extensions \*\*

☐ Registered Extensions \*\*

### Tagged Record Extensions

☒ -PIAE

☒ -NSDE

☒ -ICHIPB

☐ -IOMAPA

☒ -NBLOCA

☐ -RPC00B

☒ -USE00A

☐ -STDIDC

☒ Fully implemented

☐ Partially implemented

☐ Not implemented

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.

Executive Agent to the National Geospatial-Intelligence  
Agency for the NITFS Test and Evaluation Program